

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

IN RE APPLICATION OF: ) GROUP ART UNIT: NA  
Inventor VanLaningham et al. ) EXAMINER: NA  
SERIAL NO.: NA ) DOCKET REF.: 03CR418/KE  
FILED: Herewith ) SUBMITTED:

FOR: "Hybrid Open/Closed Loop Filtering For Link Quality Estimation"

INFORMATION DISCLOSURE STATEMENT

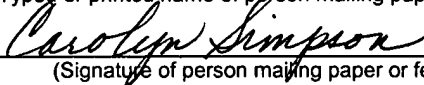
Commissioner of Patents and Trademarks  
PO Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

In accordance with 37 C.F.R. §1.56, the references listed below and on the attached form PTO-1449 are being brought to the attention of the Examiner for consideration in connection with the examination of the above-identified patent application.

English-Language Documents

U.S. Patent No. 6,643,322  
U.S. Publication No. 2003/0202574  
U.S. Patent No. 6,515,972  
U.S. Patent No. 6,122,293  
U.S. Patent No. 5,909,469

Express Mail Mailing Label	EV 417420881 US
Date of Deposit	February 19, 2004
I hereby certify that this paper or fee is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 C.F.R. §1.10 on the date indicated above and is addressed to the Mail Stop PATENT APPLICATION, Commissioner for Patents, PO Box 1450, Alexandria, VA 22313-1450.	
Carolyn Simpson	
Typed or printed name of person mailing paper or fee	
	
(Signature of person mailing paper or fee)	

Foreign Documents

None

Other Documents

None

This disclosure statement should not be construed as a representation that a search has been completed or that no other material information as defined in 37 C.F.R. §1.56(a) exists.

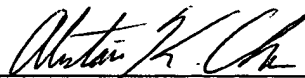
It is believed that this disclosure complies with the requirements of 37 C.F.R. §§ 1.56, 1.97, and 1.98, and the Manual of Patent Examining Procedure §609. If for some reason the Examiner considers otherwise, it is respectfully requested that the undersigned be called so that any deficiencies can be remedied.

Some of the documents may have markings thereon. No significance is meant to the attached markings.

These documents are not necessarily analogous art.

It is respectfully requested that the Examiner indicate consideration of the cited references by returning a copy of the attached form PTO-1449 with initials or other appropriate marks.

Respectfully submitted,



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<b>INFORMATION DISCLOSURE</b>  <b>CITATION</b>		Attorney Docket No. <div style="text-align: center;"><b>03CR418/KE</b></div>		Serial Number		
		Applicant <div style="text-align: center;"><b>VanLangingham et al.</b></div>				
		Filing Date <div style="text-align: center;">Herewith</div>		Group		
<b>U. S. PATENTS</b>						
Exmnr Initl	Document No.	Issue Date	Name	Class	Subclass	Filing Date
	6,643,322	11/04/2003	Varma et al.	375	227	09/20/2000
	2003/0202574	10/30/2003	Budka et al.	375	227	04/29/2002
	6,515,972	02/04/2003	Gage et al.	370	328	03/05/1999
	6,122,293	09/19/2000	Frodigh et al.	370	473	02/13/1998
	5,909,469	06/01/1999	Frodigh et al.	375	302	08/29/1997
<b>Foreign Patent Documents</b>						
	Document No.	Date	Country	Class	Subclass	Translation Yes      No
<b>Other Documents</b>						
Examiner				Date Considered		
EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609. Draw line through if not in conformance and not considered. Include copy of this form with next communication to Applicant.						